

(Absence of an entry indicates that the data were not estimated.)

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Table H.--Engineering Index Properties--Continued

| Map symbol and soil name | Depth | USDA texture | Classification | | Fragments | | Percentage passing sieve number-- | | | | Liquid limit | Plas- ticity index |
|-----------------------------|-------|---|-------------------------|------------------------|---------------|----------------|--------------------------------------|--------|--------|-------|-----------------|--------------------------|
| | | | Unified | AASHTO | >10 inches | 3-10 inches | 4 | 10 | 40 | 200 | | |
| Peabody----- | In | | | | Pct | Pct | | | | | Pct | |
| | 0-1 | Very stony silt loam | CL, CL-ML | A-4, A-6 | 0-5 | 3-10 | 95-100 | 90-100 | 80-100 | 65-90 | 25-35 | 5-14 |
| | 1-31 | Silty clay loam, silty clay, channery silty clay | CH, CL | A-6, A-7 | 0 | 0 | 95-100 | 90-100 | 80-100 | 75-95 | 35-55 | 15-30 |
| | 31-36 | Extremely channery silty clay loam, very channery silty clay, channery silty clay | GC, SC | A-2, A-6, A-7 | 0 | 0 | 50-100 | 20-45 | 15-45 | 15-45 | 30-55 | 11-30 |
| | 36-40 | Weathered bedrock | | | --- | --- | --- | --- | --- | --- | --- | --- |
| GsF: Gilpin----- | 0-1 | Very stony silt loam | CL, CL-ML, GC, SC | A-2, A-4, A-6 | 0-5 | 10-40 | 50-90 | 45-85 | 35-75 | 30-70 | 20-40 | 4-15 |
| | 1-22 | Channery silt loam, channery loam, channery silty clay loam | CL, CL-ML, GC-GM, SC | A-2, A-4, A-5 | 0 | 0-30 | 50-95 | 45-90 | 35-85 | 30-80 | 20-40 | 4-15 |
| | 22-25 | Channery loam, very channery silt loam, very channery silty clay loam | GC, GC-GM | A-1, A-2, A- 4, A-5 | 0 | 0-35 | 25-55 | 20-50 | 15-45 | 15-40 | 20-40 | 4-15 |
| | 25-29 | Unweathered bedrock | | | --- | --- | --- | --- | --- | --- | --- | --- |
| | In | | | | Pct | Pct | | | | | Pct | |
| Pineville----- | 0-5 | Very stony loam | CL-ML, ML, SC-SM, SM | A-2, A-4 | 0-5 | 3-15 | 55-90 | 50-85 | 45-80 | 30-75 | 25-35 | 4-10 |
| | 5-59 | Loam, channery clay loam, channery loam | CL, CL-ML, SC, SC-SM | A-2, A-4, A-6 | 0 | 0-10 | 55-85 | 50-80 | 45-75 | 30-65 | 25-40 | 6-15 |
| | 59-65 | Channery loam, very channery clay loam, very channery sandy loam | GC-GM, GM, SC, SC-SM | A-1, A-2, A- 4, A-6 | 0 | 5-20 | 35-75 | 30-70 | 25-65 | 20-60 | 25-35 | 4-12 |

Table H.--Engineering Index Properties--Continued

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Table H.--Engineering Index Properties--Continued

| Map symbol and soil name | Depth | USDA texture | Classification | | Fragments | | Percentage passing sieve number-- | | | | Liquid limit | Plas- ticity index |
|-----------------------------|-------|--|----------------------|------------------------|---------------|----------------|--------------------------------------|--------|--------|--------|-----------------|--------------------------|
| | | | Unified | AASHTO | >10 inches | 3-10 inches | 4 | 10 | 40 | 200 | | |
| | In | | | | Pct | Pct | | | | | Pct | |
| Upshur----- | 0-6 | Silt loam | CL, CL-ML, ML | A-4, A-6 | 0 | 0 | 95-100 | 95-100 | 85-100 | 65-90 | 25-40 | 5-15 |
| | 6-37 | Silty clay, channery clay | CH, CL, MH | A-7 | 0 | 0 | 95-100 | 95-100 | 90-100 | 85-100 | 45-70 | 20-40 |
| | 37-46 | Silty clay loam, very channery silty clay, clay | CH, CL, MH, ML | A-6, A-7 | 0 | 0 | 80-100 | 65-100 | 60-100 | 55-95 | 35-55 | 11-25 |
| | 46-50 | Weathered bedrock | | | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | | | | | | | |
| GuE3: Gilpin----- | 0-1 | Silt loam | CL, CL-ML | A-4, A-6 | 0 | 0-5 | 80-95 | 75-90 | 70-85 | 65-80 | 20-40 | 4-15 |
| | 1-22 | Channery silt loam, silt loam, channery silty clay loam | CL, CL-ML, GC, SC | A-2, A-4, A-6 | 0 | 0-30 | 50-95 | 45-90 | 35-85 | 30-80 | 20-40 | 4-15 |
| | In | | | | Pct | Pct | | | | | Pct | |
| | 22-25 | Channery loam, very channery silt loam, very channery silty clay loam | GC, GC-GM | A-2, A-4, A- 6, A-1 | 0 | 0-35 | 25-55 | 20-50 | 15-45 | 15-40 | 20-40 | 4-15 |
| | 25-29 | Unweathered bedrock | | | --- | --- | --- | --- | --- | --- | --- | --- |
| Upshur----- | 0-6 | Silt loam | CL, CL-ML, ML | A-4, A-6 | 0 | 0 | 95-100 | 95-100 | 85-100 | 65-90 | 25-40 | 5-15 |
| | 6-37 | Silty clay, channery clay | CH, CL, MH | A-7 | 0 | 0 | 95-100 | 95-100 | 90-100 | 85-100 | 45-70 | 20-40 |
| | 37-46 | Silty clay loam, very channery silty clay, clay | CH, CL, MH, ML | A-6, A-7 | 0 | 0 | 80-100 | 65-100 | 60-100 | 55-95 | 35-55 | 11-25 |
| | 46-50 | Weathered bedrock | | | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | | | | | | | |
| Ha: Hackers----- | 0-6 | Silt loam | CL, CL-ML, ML | A-4, A-6 | 0 | 0 | 90-100 | 90-100 | 75-100 | 60-90 | 20-35 | 3-12 |
| | 6-65 | Silt loam, clay loam, silty clay loam | CL, CL-ML, ML | A-4, A-6 | 0 | 0 | 90-100 | 90-100 | 90-100 | 75-95 | 25-40 | 4-18 |

Table H.--Engineering Index Properties--Continued

| Map symbol and soil name | Depth | USDA texture | Classification | | Fragments | | Percentage passing sieve number-- | | | | Liquid limit | Plas- ticity index |
|-----------------------------|-------|--|-------------------------|---------------|---------------|----------------|--------------------------------------|--------|--------|-------|-----------------|--------------------------|
| | | | Unified | AASHTO | >10 inches | 3-10 inches | 4 | 10 | 40 | 200 | | |
| | In | | | | Pct | Pct | | | | | Pct | |
| ItE: Itmann----- | 0-9 | Channery clay loam | CL, ML | A-4, A-6 | 0 | 0-10 | 55-80 | 50-75 | 45-75 | 35-70 | 30-40 | 10-18 |
| | 9-65 | Very channery sandy loam, very channery loam, extremely channery loam | GC-GM, GM | A-1, A-2 | 0 | 0-15 | 30-55 | 25-50 | 20-45 | 10-35 | 15-25 | NP-7 |
| JnE: Janelew----- | 0-2 | Channery silt loam | CL, CL-ML, GC-GM, ML | A-4, A-6 | 0 | 0-5 | 55-80 | 50-75 | 45-70 | 40-65 | 20-35 | 4-11 |
| | 2-65 | Extremely channery silty clay loam, very channery silt loam | GC, SC | A-2, A-4, A-6 | 0 | 10-25 | 35-70 | 30-65 | 30-60 | 25-50 | 25-40 | 8-14 |
| Ka: Kanawha----- | 0-7 | Loam | CL, CL-ML, ML | A-4 | 0 | 0 | 80-100 | 75-100 | 65-100 | 50-90 | 20-35 | 2-10 |
| | 7-13 | Loam, silt loam | CL, ML, SC, SM | A-2, A-4, A-6 | 0 | 0 | 80-100 | 75-100 | 50-100 | 30-90 | 20-35 | 2-12 |
| | 13-65 | Loam, sandy clay loam, clay loam | CL, ML, SC, SM | A-2, A-4, A-6 | 0 | 0 | 80-100 | 75-100 | 60-100 | 25-80 | 20-40 | 3-15 |
| MoB: Monongahela---- | 0-11 | Silt loam | CL-ML, ML, SC-SM, SM | A-4 | 0 | 0-5 | 90-100 | 85-100 | 75-100 | 45-90 | 20-35 | 1-10 |
| | 11-25 | Silt loam, clay loam, gravelly loam | CL, CL-ML, ML | A-4, A-6 | 0 | 0-15 | 90-100 | 80-100 | 75-100 | 70-90 | 20-40 | 5-15 |
| | 25-65 | Silt loam, clay loam, gravelly loam | CL, ML, SC, SM | A-4, A-6 | 0 | 0-10 | 80-100 | 60-100 | 55-95 | 45-95 | 20-40 | 3-15 |

Table H.--Engineering Index Properties--Continued

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Table H.--Engineering Index Properties--Continued

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